

CLAIMS

1. A mobile camper support, comprising:

a support framework with a camper support surface and at least three support legs;
a plurality of support wheels each rotatably mounted to the support framework such that
the plurality of support wheels rotate about a wheel axis;
the plurality of support wheels being mounted to the support framework under a bias
force relative to the support framework such that bias force between the support wheels
and the support framework is sufficient to support the support framework when the
support framework is not loaded, and the bias force is exceeded by a predetermined
weight of a camper placed on the camper support surface of the support framework
such that the predetermined weight of the camper is supported by the at least three
support legs on a ground surface.

2. A mobile camper support as recited in claim 1, and further wherein the plurality of
support wheels each rotate about a second axis.

3. A mobile camper support as recited in claim 2, and further wherein the second axis
is approximately vertical.

4. A mobile camper support as recited in claim 2, and further wherein the plurality of
support wheels is two in number.

5. A mobile camper support as recited in claim 1, and further wherein the plurality of

support wheels are mounted to the at least three legs of the support framework.

6. A mobile camper support as recited in claim 1, and further wherein a storage container is mounted within the camper support framework.

7. A mobile camper support as recited in claim 1, and further wherein there are four support legs.

8. A mobile camper support as recited in claim 1, and further comprising a camper support platform on the support framework, the camper support platform being disposed to receive at least part of the camper.

9. A mobile camper support as recited in claim 1, and further comprising a wheel support lock configured to fix the wheel support in one or more positions such that the weight of the camper is entirely on the plurality of support wheels.

10. A mobile camper support as recited in claim 1, and further wherein the bias force is a spring bias force.

11. A mobile camper support as recited in claim 1, and further wherein the bias force is a pneumatic bias force.

12. A mobile camper support as recited in claim 1, and further wherein the plurality of

support wheels are mounted within the plurality of support legs.

13. A mobile camper support as recited in claim 1, and further wherein the plurality of support wheels are round rollers which rotate about an axis.

14. A mobile camper support, comprising:

a camper support means with a camper support means and a ground interaction means;

a plurality of support wheels each rotatably mounted to the camper support means such that the plurality of support wheels rotate about a wheel axis;

the plurality of support wheels being mounted to the camper support means under a bias force relative to the camper support means such that bias force between the plurality of support wheels and the camper support means is sufficient to support the camper support means when it is not loaded, and the bias force is exceeded by a predetermined weight of a camper placed on the camper support surface of the camper support means; and

such that the predetermined weight of the camper forces the ground interaction means to the ground to support the weight of the camper.

15. A mobile camper support as recited in claim 14, and further wherein the plurality of support wheels each rotate about a second axis.

16. A mobile camper support as recited in claim 15, and further wherein the second

axis is approximately vertical.

17. A mobile camper support as recited in claim 14, and further wherein the plurality of support wheels are mounted to the at least three legs of the camper support means.

18. A mobile camper support as recited in claim 14, and further wherein the bias force is a spring bias force.

19. A mobile camper support as recited in claim 14, and further wherein the bias force is a pneumatic bias force.

20. A mobile camper support as recited in claim 14, and further wherein the plurality of support wheels are mounted within the plurality of support legs.

21. A mobile camper support as recited in claim 14, and further wherein the plurality of support wheels are roller means which rotate about an axis.

22. A mobile camper support as recited in claim 14, and further wherein the ground interaction means is at least three support legs.

23. A mobile camper support, comprising:
a support framework with a camper support surface disposed to receive a camper and
with a ground interaction surface;

a plurality of support wheel assemblies each movably mounted to the support framework, each support wheel assembly including a support wheel which rotates about a wheel axis;

the plurality of support wheel assemblies being mounted to the support framework under a bias force away from the support framework such that:

the combined bias force of the plurality of support wheel assemblies is of sufficient magnitude to support the support framework above the ground when the support framework is not loaded; and

the combined bias force is exceeded by a predetermined weight of a camper which may be placed on the camper support surface, which forces the ground interaction surface to the ground to support the weight of the camper.

24. A mobile camper support as recited in claim 23 and further wherein the ground interaction surface of the support framework is on at least three support legs.

25. A mobile camper support as recited in claim 23, and further wherein the plurality of support wheels each rotate about a second axis.

26. A mobile camper support as recited in claim 25, and further wherein the second axis is approximately vertical.

27. A mobile camper support as recited in claim 23, and further wherein the plurality of support wheels is two in number.

28. A mobile camper support as recited in claim 23, and further comprising a wheel support lock configured to fix the wheel support in one or more positions such that the weight of the camper is entirely on the plurality of support wheels.
29. A mobile camper support as recited in claim 23, and further wherein the bias force is a spring bias force.
30. A mobile camper support as recited in claim 23, and further wherein the bias force is a pneumatic bias force.
31. A mobile camper support as recited in claim 23, and further wherein the plurality of support wheels are roller means which rotate about an axis.
32. A method for supporting a camper with a camper weight, comprising the following:
providing a mobile camper support comprising:
a support framework with a camper support surface and at least three support legs;
a plurality of support wheels each rotatably mounted to the support framework such that the plurality of support wheels rotate about a wheel axis; the plurality of support wheels being mounted to the support framework under a bias force relative to the support framework such that bias force between the support wheels and the support framework is sufficient to support the support framework when the support framework is not loaded, and the bias force is

exceeded by a predetermined weight of a camper placed on the camper support surface of the support framework such that the predetermined weight of the camper is supported by the at least three support legs on a ground surface; rolling the support framework under the camper; and lowering the camper on to the camper support surface of the support framework, such that the camper weight exceeds the spring bias to force the at least three support legs to contact the ground surface and thereby support the camper.

33. A method for supporting a camper with a camper weight as recited in claim 32, and further comprising the following:

raising the camper vertically off the support framework, thereby allowing the spring bias to lift the support framework off the ground surface; and rolling the support framework on the plurality of support wheels away from the camper.

34. A method for supporting a camper with a camper weight, comprising the following: providing a mobile camper support comprising:

a support framework;
a plurality of support wheels each rotatably mounted to the support framework such that the plurality of support wheels rotate about a wheel axis; the plurality of support wheels being mounted to the support framework under a bias force relative to the support framework such that bias force between the support wheels and the support framework is sufficient to support the support

framework when the support framework is not loaded, and the bias force is exceeded by a predetermined weight of a camper placed on the support framework such that the predetermined weight of the camper is supported by the support framework on a ground surface

rolling the support framework under the camper; and

lowering the camper on to the support framework, such that the camper weight exceeds the spring bias to force the support framework to contact the ground surface and thereby support the camper.

35. A method for supporting a camper with a camper weight as recited in claim 34, and further comprising the following:

raising the camper vertically off the support framework, thereby allowing the spring bias to lift the support framework off the ground surface; and

rolling the support framework on the plurality of support wheels away from the camper.

36. A method for supporting a camper, comprising the following:

providing a mobile camper support comprising:

a support framework;

a plurality of support wheels each rotatably mounted to the support framework such that the plurality of support wheels rotate about a wheel axis;

rolling the support framework under the camper; and

lowering the camper on to the support framework, such that the camper weight is

supported by the support framework on wheels.

37. A method for supporting a camper with a camper weight as recited in claim 36, and further comprising a support wheel lock mechanism to selectively prevent the rotation of the support wheels.